

Title (en)

RATE MATCHING TO MAINTAIN CODE BLOCK RESOURCE ELEMENT BOUNDARIES

Title (de)

RATENANPASSUNG ZUR BEWAHRUNG VON GRENZEN VON CODEBLOCKRESSOURCENELEMENTEN

Title (fr)

ADAPTATION DE DÉBIT POUR MAINTENIR DES LIMITES D'ÉLÉMENT DE RESSOURCE DE BLOC DE CODE

Publication

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Application

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Abstract (en)

Embodiments of the present disclosure provide a transmitter (100), a receiver and methods of operating a transmitter and a receiver. In one embodiment, the transmitter is for use with multiple transmit antennas and includes an encoding unit (105) configured to segment input bits into one or more code blocks. The transmitter also includes a rate matching unit (120) configured to generate a stream of transmit bits from the one or more code blocks, wherein a group of transmit bits allocated to one resource element originates from only one of the one or more code blocks. The transmitter further includes a mapping unit (125) configured to provide modulated symbols from the stream of transmit bits on a number of spatial transmission layers for one or more resource elements. The transmitter still further includes a transmit unit (140) configured to transmit the modulated symbols employing the multiple transmit antennas.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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